

AMENDMENTS TO THE CLAIMS:

1. (Cancelled)
2. (Previously Presented) The warning system according to claim 7, wherein the radio pressure gauge is a pressure sensor with a short-distance transmitter connected to a compressed-air cylinder.
3. (Previously Presented) The warning system according to claim 7, wherein the vital function radio monitor includes at least a vital sensor combined with a short-distance transmitter for collecting a user's vital data.
4. (Previously Presented) The warning system according to claim 7, wherein the radio measuring device includes a gas or temperature sensor coupled with a short-distance transmitter.
5. (Previously Presented) The warning system according to claim 7, wherein the control unit is configured to allow coupling of a camera and/or thermal image camera with the control unit.

6. (Cancelled)

7. (Previously Presented) A warning system for people working in hazardous conditions, the warning system comprising: a control unit with a motion detector, an alarm transmitter and a display, wherein the warning system further comprises a receiver and a memory for recording incidents integrated into the control unit, the control unit configured to operate selectively as: a) a standalone base warning unit; b) via a wireless radio connection with at least one of: i) a radio pressure gauge for a compressed air breathing apparatus; ii) a vital function radio monitor; and iii) a radio measuring device for detecting gas and temperature conditions; and c) via a physical link connection with at least one of i) a radio data transmitter; and ii) a walkie-talkie.

8. (Previously Presented) The warning system according to claim 7 wherein the control unit is configured to operate via a radio connection with each of a radio pressure gauge for a compressed air breathing apparatus, a vital function radio monitor and a radio measuring device for detecting gas and temperature conditions.

9. (Previously Presented) The warning system according to claim 7 wherein the control unit is configured to operate via a physical link connection with each of a radio data transmitter and a walkie-talkie.

10. (Previously Presented) The warning system according to claim 8 wherein the control unit is configured to operate via a physical link connection with each of a radio data transmitter and a walkie-talkie.

11. (Previously Presented) A warning system for people working in hazardous conditions, the warning system comprising: a control unit with a motion detector, an alarm transmitter and a display, wherein the warning system further comprises a receiver and a memory for recording incidents integrated into the control unit, the control unit configured to operate selectively as: a) a standalone base warning unit; or b) via a wireless radio connection with at least one of: i) a radio pressure gauge for a compressed air breathing apparatus; ii) a vital function radio monitor; and iii) a radio measuring device for detecting gas and temperature conditions.

12. (New) The warning system for people working in hazardous conditions according to claim 11 wherein the control unit has an overall configuration and size that allows the control unit to be carried on a person, as in a pocket.

13. (New) The warning system for people working in hazardous conditions according to claim 11 wherein a radio data transmitter is connected to the control unit for transmitting data received by the control unit to at least one of a master station and a data-capable walkie talkie for communication with another control unit and/or the master station.

14. (New) The warning system for people working in hazardous conditions according to claim 11 wherein the control unit is configured to operate via the wireless radio connection and has an overall configuration and size that allows the control unit to be carried on a person, as in a pocket.

15. (New) The warning system for people working in hazardous conditions according to claim 7 wherein the control unit is configured to operate via the wireless radio connection.

16. (New) The warning system for people working in hazardous conditions according to claim 11 wherein the control unit is configured to operate via the wireless radio connection.